

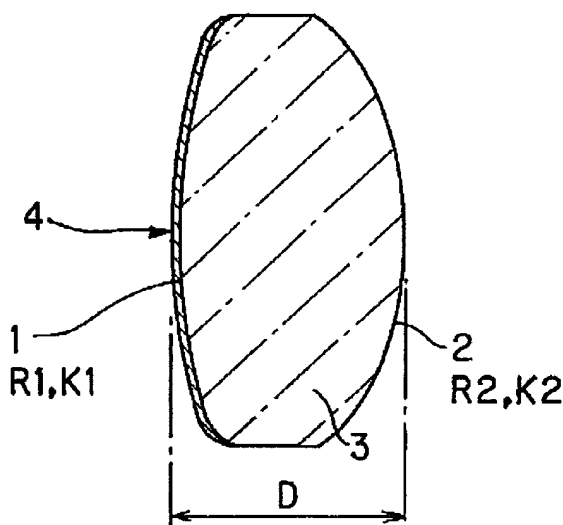
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JP-2001235678 A

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Objective lens for optical pick-up, offsets spherical aberration due to oscillation wavelength of laser by aberration due to change in refractive index and temperature of lens



Use Advantage:USE - For optical pick-up (claimed) of optical disk drive (claimed). **ADVANTAGE** - Ensures size reduction of optical pick-up. Enables satisfactory correction of spherical aberration due to environmental change and temperature change. **DESCRIPTION OF DRAWING(S)** - The figure shows a sectional view of objective lens. Coatings 1,2 Hologram 4

Abstract:NOVELTY - A hologram (4) is formed on two coatings (1,2) of an aspherical lens. Change in the spherical aberration of hologram due to change in the oscillation wavelength of semiconductor laser caused by environmental temperature offsets the aberration produced due to change of refractive index and variation in temperature of the lens between the coatings. **DETAILED DESCRIPTION** -

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INDEPENDENT CLAIMS are also included for the following: (a) Optical pick-up
(b) Optical disk drive

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